

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC9XJA

(Call Sign)

0701-EX-ST-2005

(File Number)

NAME Northrop Grumman Systems Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Airborne mobile and ground fixed-based experimental transmissions utilizing DLS/VIASAT, model AN/USQ-140(V)(2) Link-16 J-TIDS, spread spectrum transceivers.

Station Locations

- (1) Kearny Mesa (SAN DIEGO), CA - NL 32-49-39; WL 117-08-12; MOBILE: Kearny Mesa (SAN DIEGO), CA, altitude of 18,288 m, within 483 km, centered around NL 32-49-39; WL 117-08-12

Frequency Information

Kearny Mesa (SAN DIEGO), CA - NL 32-49-39; WL 117-08-12; MOBILE: Kearny Mesa (SAN DIEGO), CA, altitude of 18,288

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
969-1206 MHz	FX	237MQ1D 6M00G1D	200 W (Output Power)	
969-1206 MHz	MO	237MQ1D 6M00G1D	200 W (Output Power)	

This authorization effective December 08, 2005 and
will expire 3:00 A.M. EST December 21, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) This STA is approved for the air and ground operations of the MIDS LVT2 terminal as requested.
- (3) The portion of the STA that requested the "fixed frequency" mode listed, is denied.
- (4) NTIA understands the urgency of this request, however, in the future, all JTIDS requests will be submitted through the NMSC (Perry Lemmons (703) 325-2815) a minimum of 30 days prior to start date.